

**Abstract:**

The invention relates to a method for detecting defects in a textile structure (2) by taking signals from the textile structure and processing the signals taken from the textile structure based at least on preset parameters and to an apparatus (3) for detecting defects in a textile structure comprising a sensor, a processing unit and an input/output unit, whereas said processing unit is connected to said sensor and to said input/output unit and is designed for processing signals taken from the textile structure by the sensor at least based on preset parameters and producing an output signal indicating the presence of a defect in the textile structure examined. In order to solve the problem of adjusting parameters of the method and apparatus for detecting faults in a flat textile structure to the specific flat textile structure presented for detecting defects, a physical data carrier (23) for presenting preset parameters to a sensor and said sensor for reading preset parameters from the physical data carrier is provided.

**Fig. 3**